

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A communication control apparatus for implementing transmission and reception of data to and from a plurality of external firewall devices connectible to a mobile station, the communication control apparatus comprising:

storing means for storing firewall configuration information suitable for the mobile station, in correspondence with identification information ~~[[of]]~~ that identifies the mobile station among a plurality of mobile stations;

detecting means for detecting ~~[[a]]~~ an external firewall device connected to the mobile station by receiving information for notifying movement of the mobile station via the external firewall device; and

transmitting means for, ~~in conjunction with~~ in response to the detection of the external firewall device connected to the mobile station, transmitting the stored firewall configuration information corresponding to the identification information of the mobile station, to the external firewall device.

2. (Original) A firewall apparatus for implementing relaying in transmission and reception of data between the communication control apparatus as set forth in Claim 1, and a plurality of mobile stations, the firewall apparatus comprising:

retaining means for retaining a filtering condition included in the firewall configuration information, in correspondence with identification information of each mobile station;

distinguishing means for distinguishing a mobile station being a destination of a packet transmitted from the communication control apparatus; and

determining means for determining the propriety of passage of the packet in accordance with the filtering condition corresponding to the mobile station distinguished by the distinguishing means.

3. (Currently Amended) A data communication method in which a communication control apparatus comprising storing means for storing firewall configuration information suitable for a mobile station, in correspondence with identification information ~~[[of]]~~ that identifies the mobile station among a plurality of mobile stations, implements transmission and reception of data to and from a plurality of external firewall devices connectible to the mobile station, the data communication method comprising:

a detecting step wherein detecting means of the communication control apparatus detects ~~[[a]]~~ an external firewall device connected to the mobile station by receiving information for notifying movement of the mobile station via the external firewall device; and

a transmitting step wherein, in ~~conjunction with~~ response to the detection of the external firewall device connected to the mobile station, transmitting means of the communication control apparatus transmits the stored firewall configuration information corresponding to the identification information of the mobile station, to the external firewall device.

4. (Original) A data communication method in which a firewall apparatus implements relaying in transmission and reception of data between the communication control apparatus as set forth in Claim 1, and a plurality of mobile stations, the data communication method comprising:

a retaining step wherein retaining means of the firewall apparatus retains a filtering condition included in the firewall configuration information, in correspondence with identification information of each mobile station;

a distinguishing step wherein distinguishing means of the firewall apparatus distinguishes a mobile station being a destination of a packet transmitted from the communication control apparatus; and

a determining step wherein determining means of the firewall apparatus determines the propriety of passage of the packet in accordance with the filtering condition corresponding to the mobile station distinguished in the distinguishing step.

5. (New) The communication control apparatus of Claim 1, wherein the detecting means comprises:

means for receiving, from the external firewall device, a binding update packet that indicates that the mobile station has moved and is connected to the external firewall device.

6. (New) The communication control apparatus of claim 1, wherein the transmitting means comprises:

means for transmitting the identification information of the mobile station to the external firewall device together with the stored firewall configuration information.